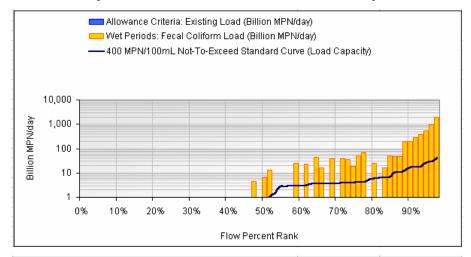
Appendix P

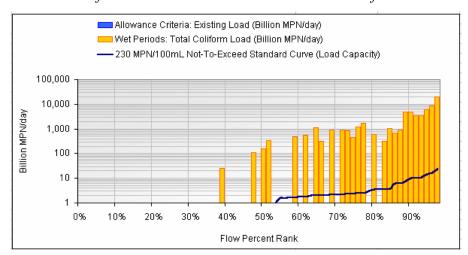
Wet Weather Final Bacteria Load Duration Curves

Table P-1. Fecal coliform load duration curve and TMDL results for subwatershed 101



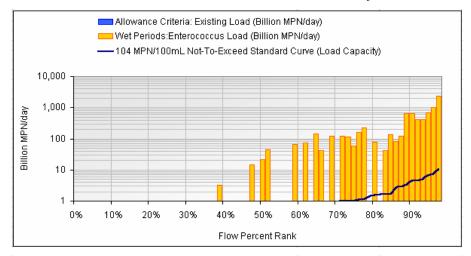
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	5,179	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	4,923	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	255	Billion MPN/Year
Percent Reduction Required from Existing Condition	95.1%	Percentage

Table P-2. Total coliform load duration curve and TMDL results for subwatershed 101



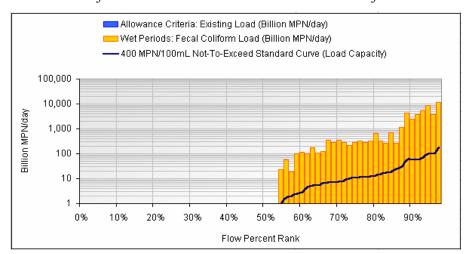
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	67,350	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	67,203	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	147	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-3. Enterococcus load duration curve and TMDL results for subwatershed 101



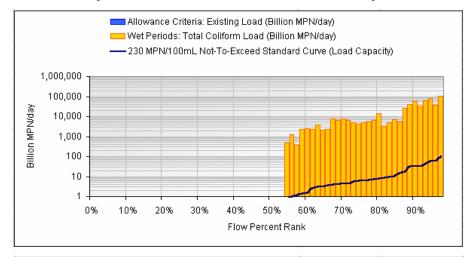
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	8,374	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	8,308	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	66	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.2%	Percentage

Table P-4. Fecal coliform load duration curve and TMDL results for subwatershed 103



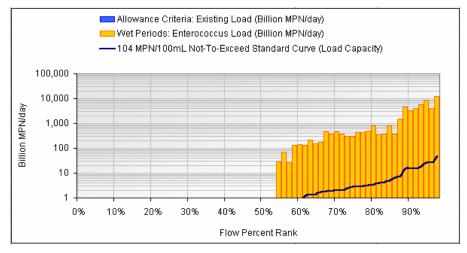
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	47,497	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	46,633	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	864	Billion MPN/Year
Percent Reduction Required from Existing Condition	98.2%	Percentage

Table P-5. Total coliform load duration curve and TMDL results for subwatershed 103



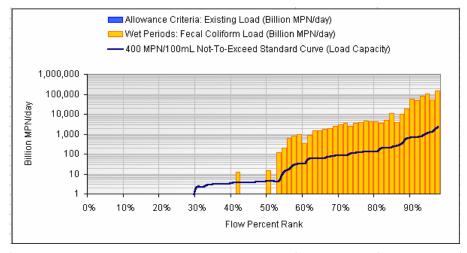
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	561,319	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	560,821	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	497	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-6. Enterococcus load duration curve and TMDL results for subwatershed 103



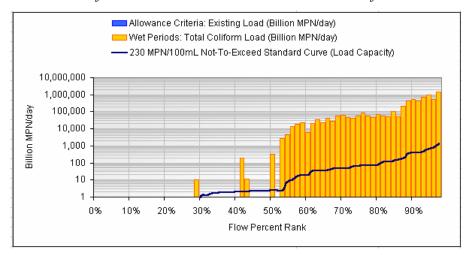
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	52,977	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	52,752	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	225	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.6%	Percentage

Table P-7. Fecal coliform load duration curve and TMDL results for subwatershed 104



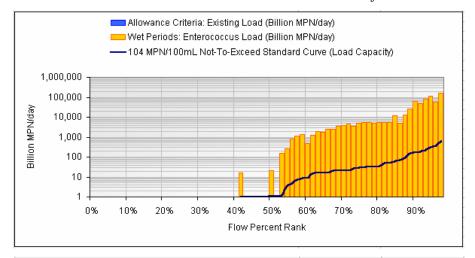
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	592,496	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	582,079	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	10,417	Billion MPN/Year
Percent Reduction Required from Existing Condition	98.2%	Percentage

Table P-8. Total coliform load duration curve and TMDL results for subwatershed 104



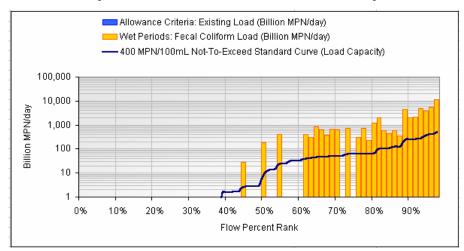
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	6,278,214	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	6,272,211	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	6,003	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-9. Enterococcus load duration curve and TMDL results for subwatershed 104



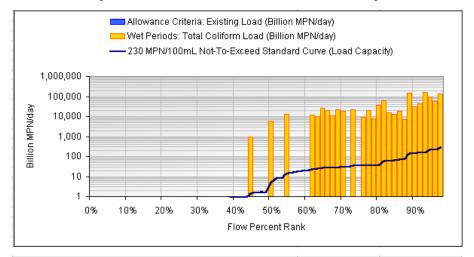
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	650,651	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	647,939	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	2,712	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.6%	Percentage

Table P-10. Fecal coliform load duration curve and TMDL results for subwatershed 105



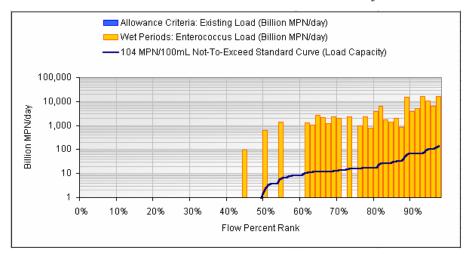
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	47,842	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	44,154	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	3,688	Billion MPN/Year
Percent Reduction Required from Existing Condition	92.3%	Percentage

Table P-11. Total coliform load duration curve and TMDL results for subwatershed 105



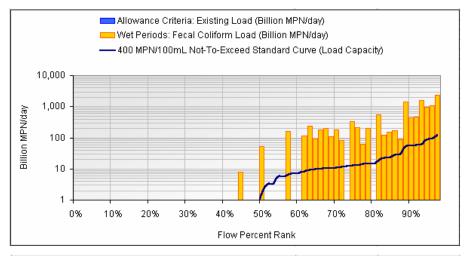
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	1,076,489	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	1,074,368	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	2,121	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-12. Enterococcus load duration curve and TMDL results for subwatershed 105



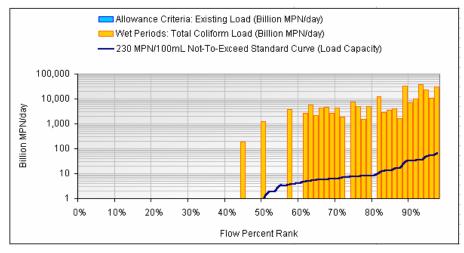
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	117,393	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	116,434	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	959	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.2%	Percentage

Table P-13. Fecal coliform load duration curve and TMDL results for subwatershed 106



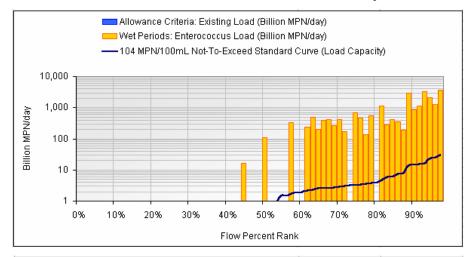
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	12,001	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	11,183	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	818	Billion MPN/Year
Percent Reduction Required from Existing Condition	93.2%	Percentage

Table P-14. Total coliform load duration curve and TMDL results for subwatershed 106



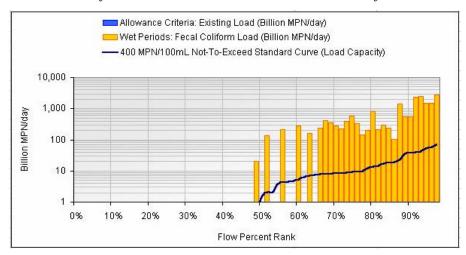
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	238,530	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	238,060	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	470	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-15. Enterococcus load duration curve and TMDL results for subwatershed 106



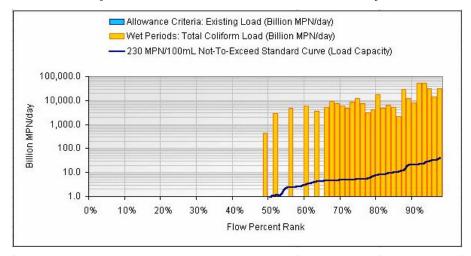
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	23,254	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	23,041	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	213	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.1%	Percentage

Table P-16. Fecal coliform load duration curve and TMDL results for subwatershed 201



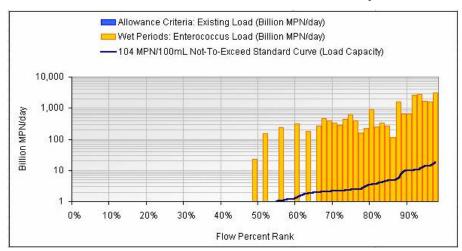
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	19,386	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	18,823	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	563	Billion MPN/Year
Percent Reduction Required from Existing Condition	97.1%	Percentage

Table P-17. Total coliform load duration curve and TMDL results for subwatershed 201



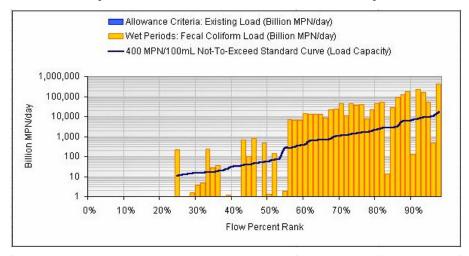
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	364,715	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	364,391	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	324	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-18. Enterococcus load duration curve and TMDL results for subwatershed 201



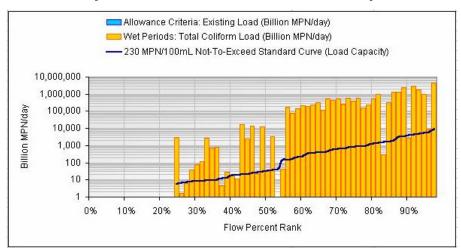
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	21,646	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	21,500	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	146	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-19. Fecal coliform load duration curve and TMDL results for subwatershed 202



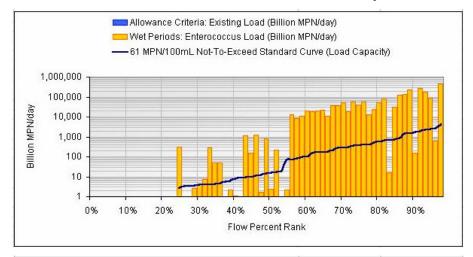
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	1,732,709	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	1,648,711	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	83,999	Billion MPN/Year
Percent Reduction Required from Existing Condition	95.2%	Percentage

Table P-20. Total coliform load duration curve and TMDL results for subwatershed 202



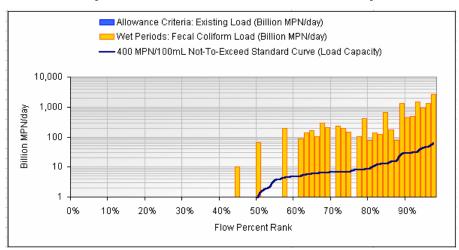
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	22,846,059	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	22,788,754	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	57,305	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.7%	Percentage

Table P-21. Enterococcus load duration curve and TMDL results for subwatershed 202



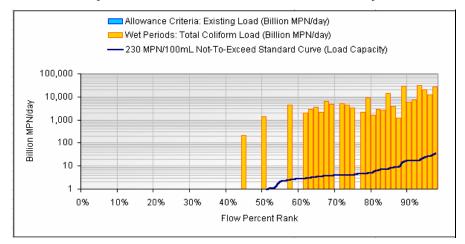
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	2,208,560	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	2,195,002	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	13,558	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.4%	Percentage

Table P-22. Fecal coliform load duration curve and TMDL results for subwatershed 301



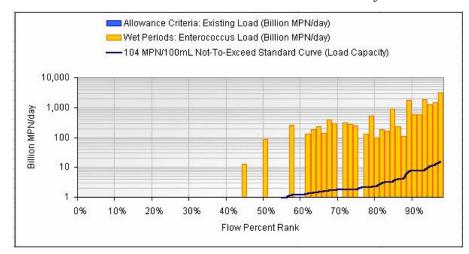
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	12,677	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	12,239	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	438	Billion MPN/Year
Percent Reduction Required from Existing Condition	96.5%	Percentage

Table P-23. Total coliform load duration curve and TMDL results for subwatershed 301



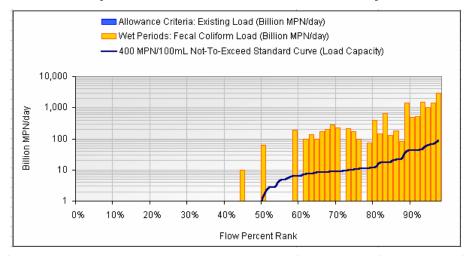
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	224,286	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	224,034	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	252	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-24. Enterococcus load duration curve and TMDL results for subwatershed 301



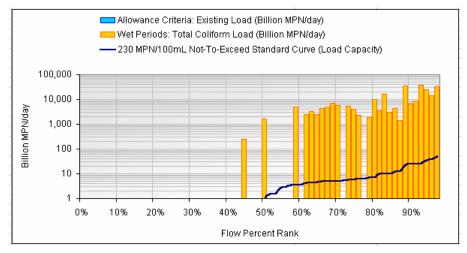
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	16,137	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	16,024	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	114	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-25. Fecal coliform load duration curve and TMDL results for subwatershed 302



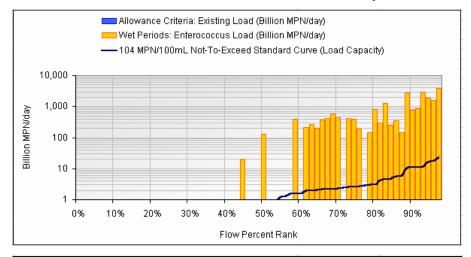
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	13,426	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	12,803	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	623	Billion MPN/Year
Percent Reduction Required from Existing Condition	95.4%	Percentage

Table P-26. Total coliform load duration curve and TMDL results for subwatershed 302



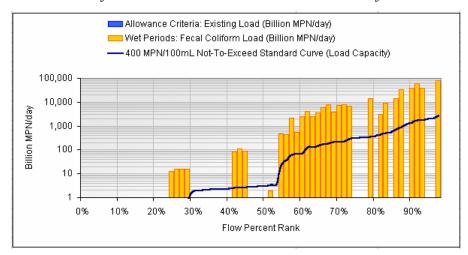
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	261,979	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	261,621	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	358	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-27. Enterococcus load duration curve and TMDL results for subwatershed 302



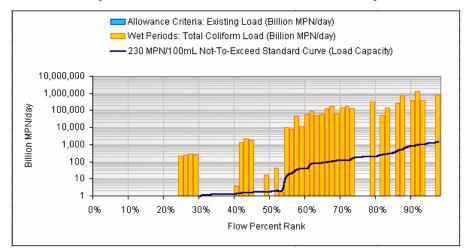
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	22,871	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	22,709	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	162	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-28. Fecal coliform load duration curve and TMDL results for subwatershed 304



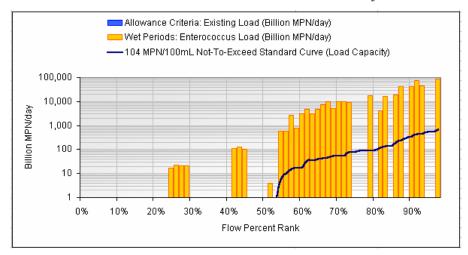
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	356,926	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	344,269	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	12,657	Billion MPN/Year
Percent Reduction Required from Existing Condition	96.5%	Percentage

Table P-29. Total coliform load duration curve and TMDL results for subwatershed 304



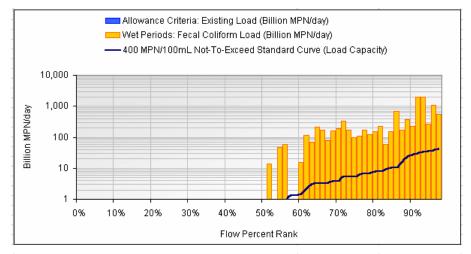
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	5,599,516	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	5,592,229	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	7,286	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-30. Enterococcus load duration curve and TMDL results for subwatershed 304



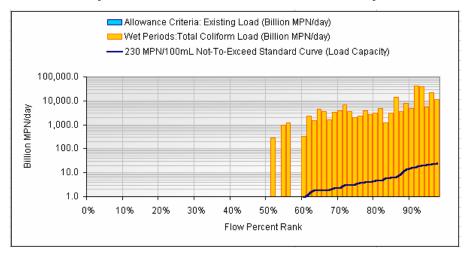
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	428,285	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	424,991	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	3,293	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.2%	Percentage

Table P-31. Fecal coliform load duration curve and TMDL results for subwatershed 305



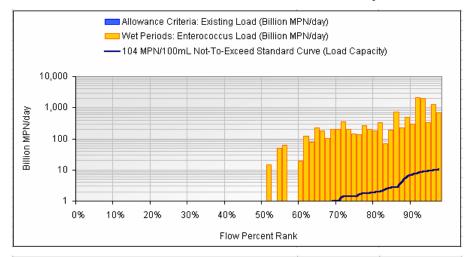
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	10,149	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	9,792	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	357	Billion MPN/Year
Percent Reduction Required from Existing Condition	96.5%	Percentage

Table P-32. Total coliform load duration curve and TMDL results for subwatershed 305



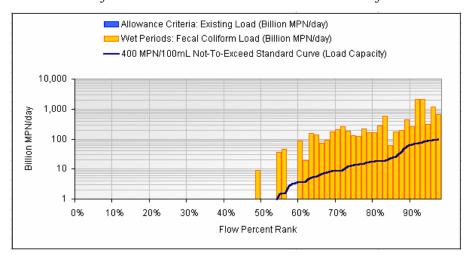
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	209,193	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	208,988	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	205	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-33. Enterococcus load duration curve and TMDL results for subwatershed 305



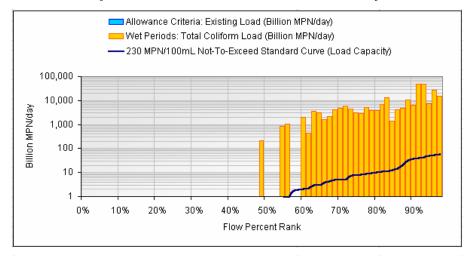
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	11,603	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	11,510	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	93	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.2%	Percentage

Table P-34. Fecal coliform load duration curve and TMDL results for subwatershed 306



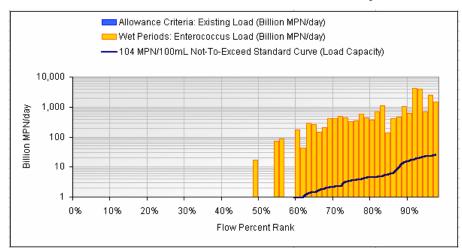
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	10,733	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	9,914	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	819	Billion MPN/Year
Percent Reduction Required from Existing Condition	92.4%	Percentage

Table P-35. Total coliform load duration curve and TMDL results for subwatershed 306



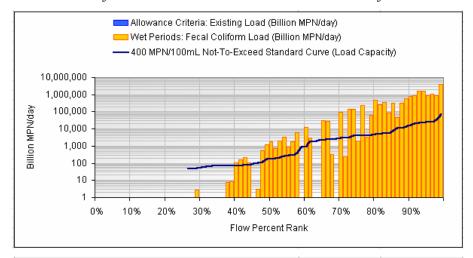
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	251,988	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	251,517	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	471	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-36. Enterococcus load duration curve and TMDL results for subwatershed 306



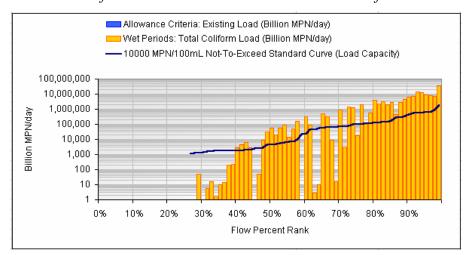
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	22,629	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	22,416	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	213	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.1%	Percentage

Table P-37. Fecal coliform load duration curve and TMDL results for subwatershed 401



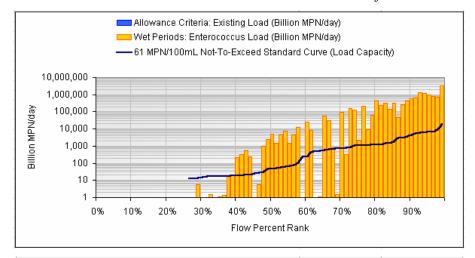
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	15,304,790	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	14,946,381	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	358,410	Billion MPN/Year
Percent Reduction Required from Existing Condition	97.7%	Percentage

Table P-38. Total coliform load duration curve and TMDL results for subwatershed 401



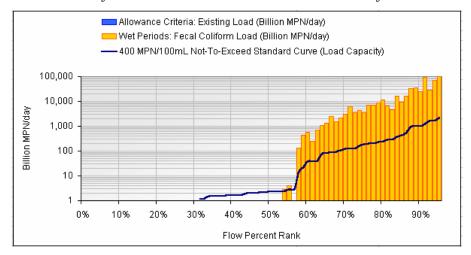
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	130,258,863	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	121,311,749	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	8,947,114	Billion MPN/Year
Percent Reduction Required from Existing Condition	93.1%	Percentage

Table P-39. Enterococcus load duration curve and TMDL results for subwatershed 401



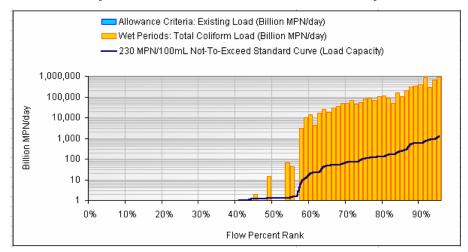
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	12,980,098	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	12,923,979	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	56,119	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.6%	Percentage

Table P-40. Fecal coliform load duration curve and TMDL results for subwatershed 501



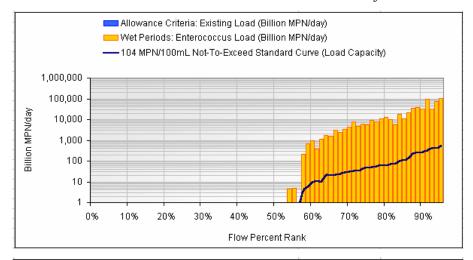
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	503,463	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	489,757	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	13,706	Billion MPN/Year
Percent Reduction Required from Existing Condition	97.3%	Percentage

Table P-41. Total coliform load duration curve and TMDL results for subwatershed 501



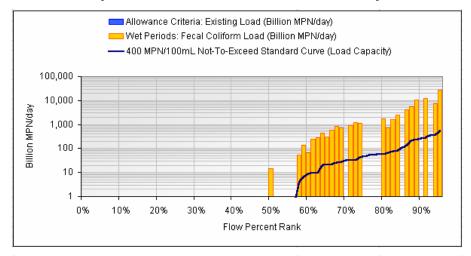
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	5,276,541	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	5,268,651	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	7,890	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-42. Enterococcus load duration curve and TMDL results for subwatershed 501



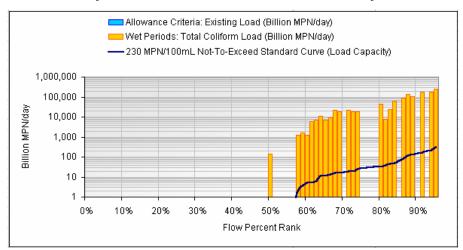
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	570,531	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	566,966	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	3,565	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.4%	Percentage

Table P-43. Fecal coliform load duration curve and TMDL results for subwatershed 502



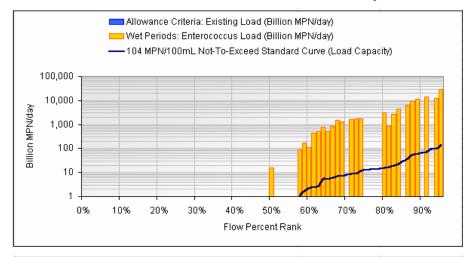
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	81,333	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	78,993	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	2,340	Billion MPN/Year
Percent Reduction Required from Existing Condition	97.1%	Percentage

Table P-44. Total coliform load duration curve and TMDL results for subwatershed 502



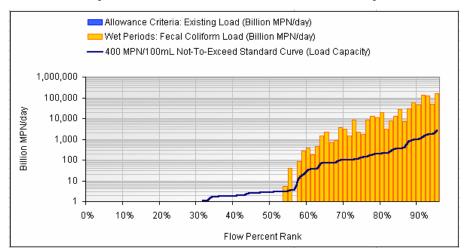
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	1,216,982	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	1,215,636	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,346	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-45. Enterococcus load duration curve and TMDL results for subwatershed 502



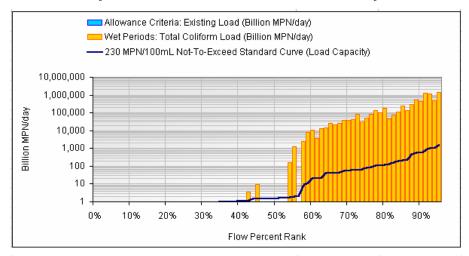
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	105,718	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	105,110	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	609	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.4%	Percentage

Table P-46. Fecal coliform load duration curve and TMDL results for subwatershed 503



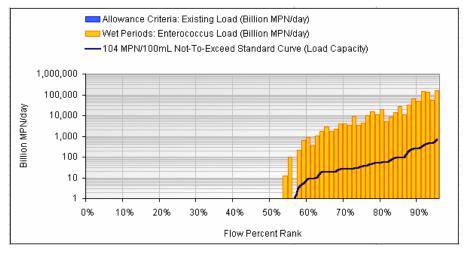
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	736,628	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	722,826	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	13,802	Billion MPN/Year
Percent Reduction Required from Existing Condition	98.1%	Percentage

Table P-47. Total coliform load duration curve and TMDL results for subwatershed 503



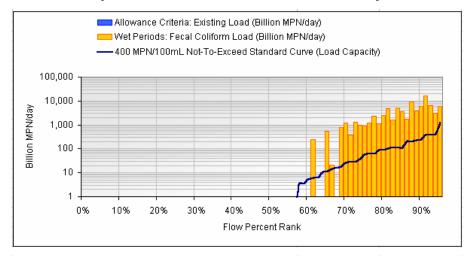
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	7,101,860	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	7,093,912	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	7,948	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-48. Enterococcus load duration curve and TMDL results for subwatershed 503



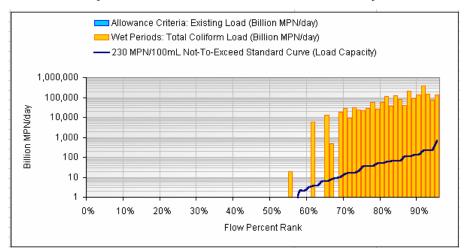
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	806,852	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	803,260	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	3,593	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.6%	Percentage

Table P-49. Fecal coliform load duration curve and TMDL results for subwatershed 504



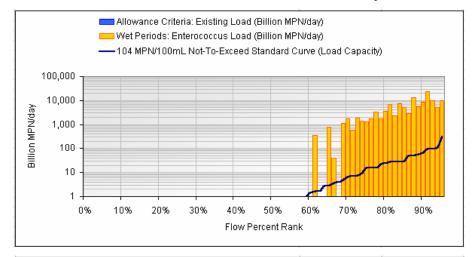
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	81,576	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	77,404	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	4,172	Billion MPN/Year
Percent Reduction Required from Existing Condition	94.9%	Percentage

Table P-50. Total coliform load duration curve and TMDL results for subwatershed 504



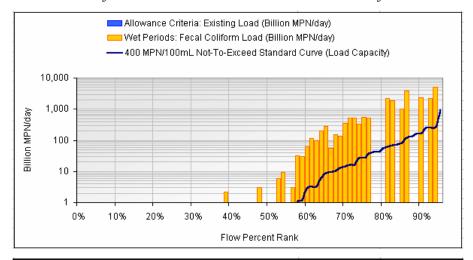
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	1,903,632	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	1,901,233	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	2,399	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-51. Enterococcus load duration curve and TMDL results for subwatershed 504



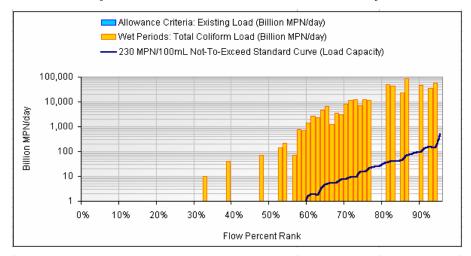
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	120,842	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	119,757	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,085	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.1%	Percentage

Table P-52. Fecal coliform load duration curve and TMDL results for subwatershed 505



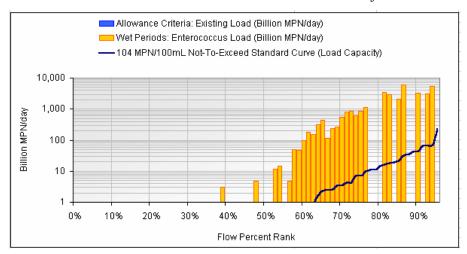
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	22,705	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	21,471	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,235	Billion MPN/Year
Percent Reduction Required from Existing Condition	94.6%	Percentage

Table P-53. Total coliform load duration curve and TMDL results for subwatershed 505



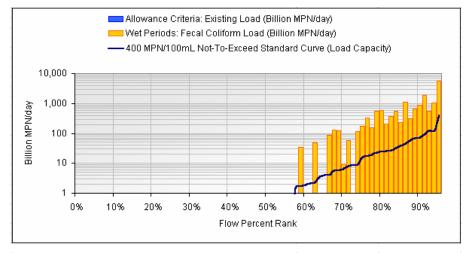
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	439,306	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	438,596	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	710	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-54. Enterococcus load duration curve and TMDL results for subwatershed 505



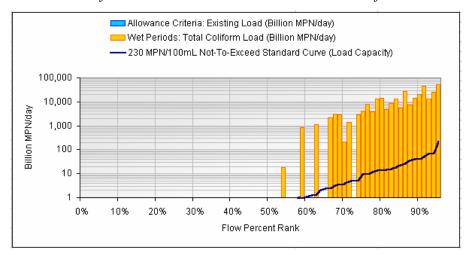
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	33,570	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	33,249	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	321	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.0%	Percentage

Table P-55. Fecal coliform load duration curve and TMDL results for subwatershed 506



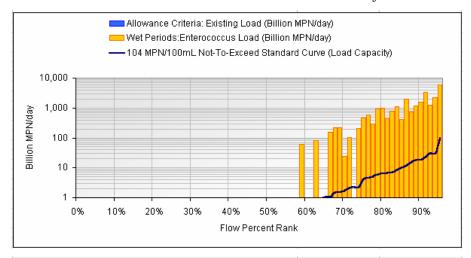
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	16,014	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	14,788	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,226	Billion MPN/Year
Percent Reduction Required from Existing Condition	92.3%	Percentage

Table P-56. Total coliform load duration curve and TMDL results for subwatershed 506



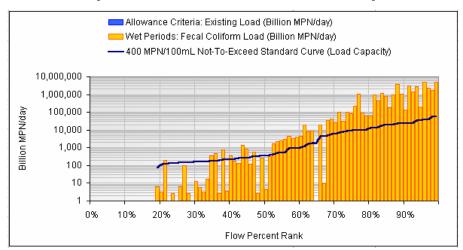
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	298,219	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	297,513	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	705	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-57. Enterococcus load duration curve and TMDL results for subwatershed 506



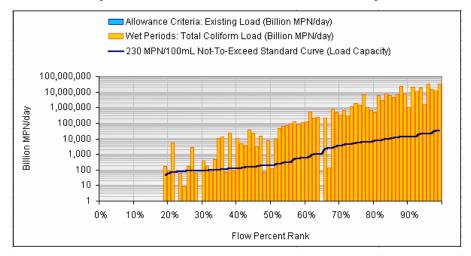
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	25,580	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	25,262	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	319	Billion MPN/Year
Percent Reduction Required from Existing Condition	98.8%	Percentage

Table P-58. Fecal coliform load duration curve and TMDL results for subwatershed 701



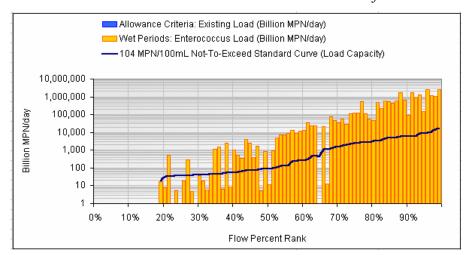
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	33,120,012	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	32,478,189	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	641,823	Billion MPN/Year
Percent Reduction Required from Existing Condition	98.1%	Percentage

Table P-59. Total coliform load duration curve and TMDL results for subwatershed 701



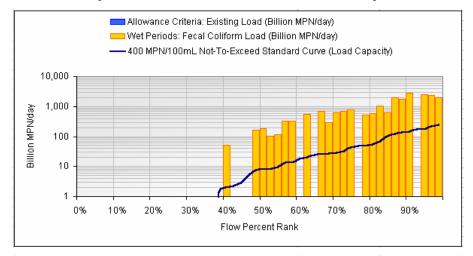
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	231,598,677	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	231,158,330	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	440,347	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-60. Enterococcus load duration curve and TMDL results for subwatershed 701



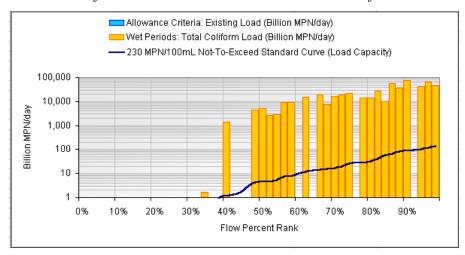
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	18,439,920	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	18,265,699	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	174,221	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.1%	Percentage

Table P-61. Fecal coliform load duration curve and TMDL results for subwatershed 1101



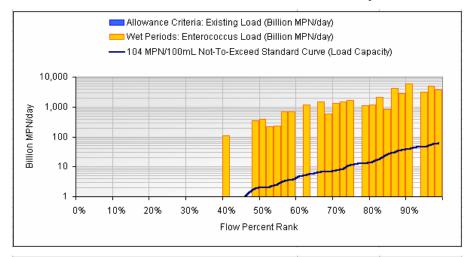
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	20,886	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	19,327	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,559	Billion MPN/Year
Percent Reduction Required from Existing Condition	92.5%	Percentage

Table P-62. Total coliform load duration curve and TMDL results for subwatershed 1101



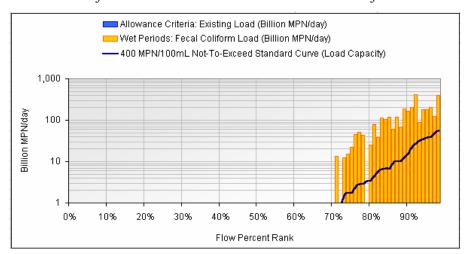
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	515,278	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	514,380	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	899	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-63. Enterococcus load duration curve and TMDL results for subwatershed 1101



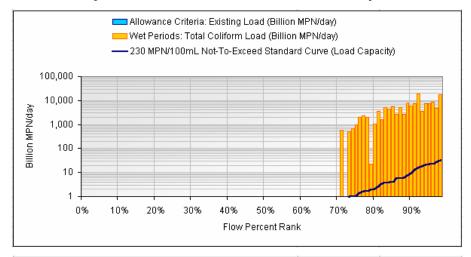
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	40,558	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	40,152	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	406	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.0%	Percentage

Table P-64. Fecal coliform load duration curve and TMDL results for subwatershed 1301



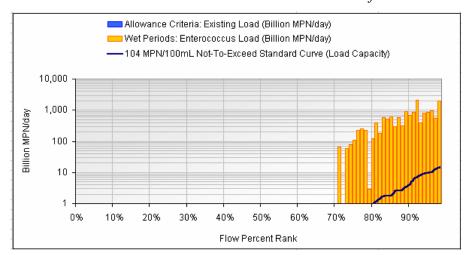
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	3,081	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	2,672	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	410	Billion MPN/Year
Percent Reduction Required from Existing Condition	86.7%	Percentage

Table P-65. Total coliform load duration curve and TMDL results for subwatershed 1301



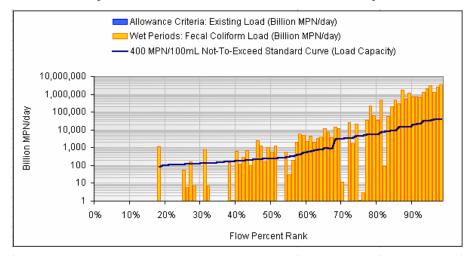
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	130,532	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	130,295	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	237	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.8%	Percentage

Table P-66. Enterococcus load duration curve and TMDL results for subwatershed 1301



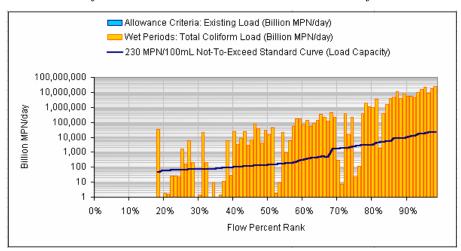
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	14,763	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	14,656	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	107	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-67. Fecal coliform load duration curve and TMDL results for subwatershed 1302



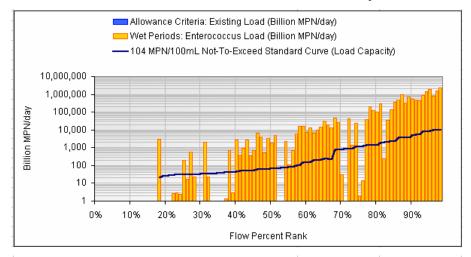
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	21,283,828	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	20,853,235	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	430,594	Billion MPN/Year
Percent Reduction Required from Existing Condition	98.0%	Percentage

Table P-68. Total coliform load duration curve and TMDL results for subwatershed 1302



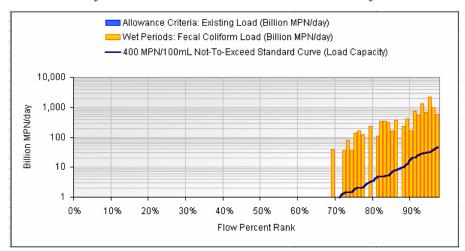
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	163,410,600	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	162,948,951	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	461,649	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.7%	Percentage

Table P-69. Enterococcus load duration curve and TMDL results for subwatershed 1302



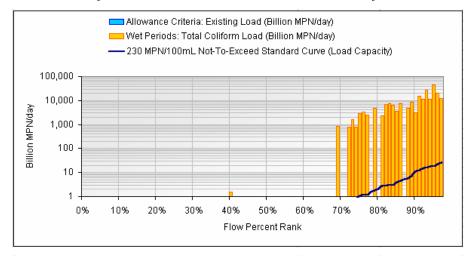
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	14,781,447	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	14,648,024	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	133,423	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.1%	Percentage

Table P-70. Fecal coliform load duration curve and TMDL results for subwatershed 1401



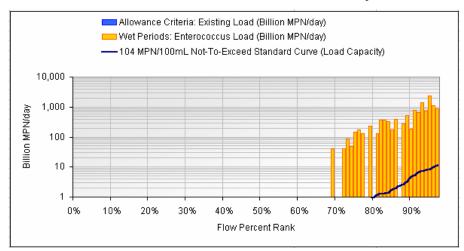
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	10,392	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	10,079	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	312	Billion MPN/Year
Percent Reduction Required from Existing Condition	97.0%	Percentage

Table P-71. Total coliform load duration curve and TMDL results for subwatershed 1401



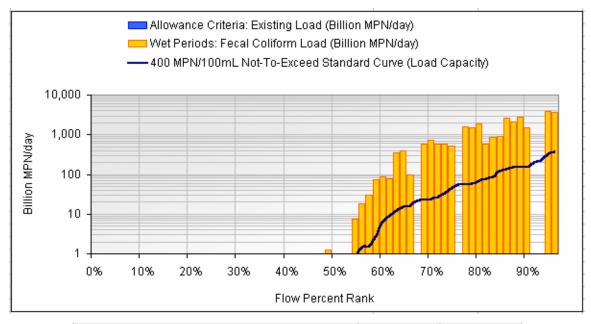
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	212,986	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	212,805	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	182	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-72. Enterococcus load duration curve and TMDL results for subwatershed 1401



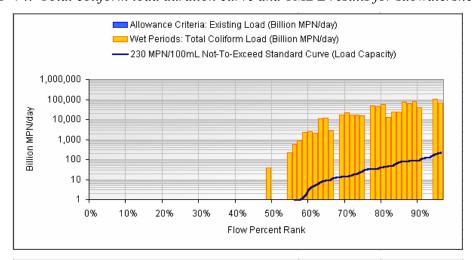
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	11,564	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	11,483	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	81	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-73. Fecal coliform load duration curve and TMDL results for subwatershed 1501



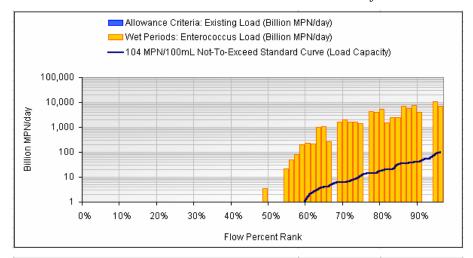
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	28,044	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	26,061	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,983	Billion MPN/Year
Percent Reduction Required from Existing Condition	92.9%	Percentage

Table P-74. Total coliform load duration curve and TMDL results for subwatershed 1501



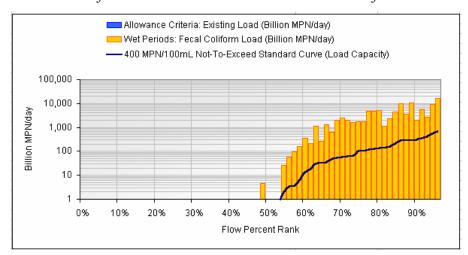
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	768,912	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	767,772	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,140	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-75. Enterococcus load duration curve and TMDL results for subwatershed 1501



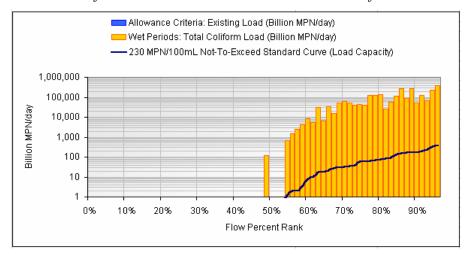
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	74,057	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	73,541	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	515	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-76. Fecal coliform load duration curve and TMDL results for subwatershed 1503



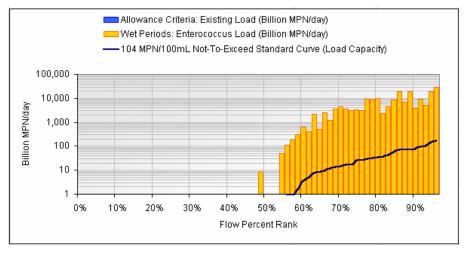
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	98,955	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	94,272	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	4,683	Billion MPN/Year
Percent Reduction Required from Existing Condition	95.3%	Percentage

Table P-77. Total coliform load duration curve and TMDL results for subwatershed 1503



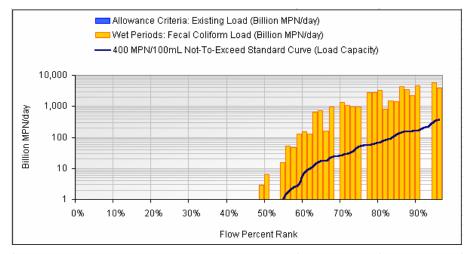
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	2,485,458	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	2,482,765	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	2,693	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-78. Enterococcus load duration curve and TMDL results for subwatershed 1503



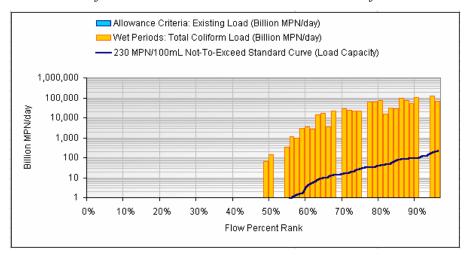
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	185,674	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	184,457	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,218	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-79. Fecal coliform load duration curve and TMDL results for subwatershed 1505



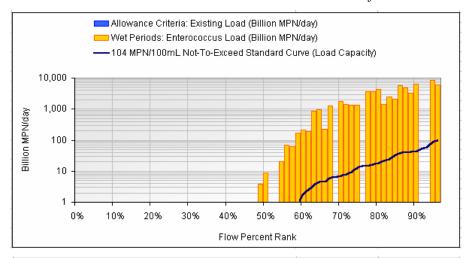
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	44,212	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	42,190	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	2,023	Billion MPN/Year
Percent Reduction Required from Existing Condition	95.4%	Percentage

Table P-80. Total coliform load duration curve and TMDL results for subwatershed 1505



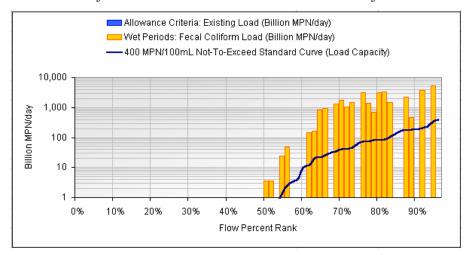
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	958,988	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	957,825	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,163	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-81. Enterococcus load duration curve and TMDL results for subwatershed 1505



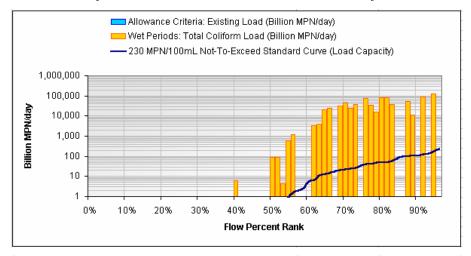
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	62,646	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	62,120	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	526	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.2%	Percentage

Table P-82. Fecal coliform load duration curve and TMDL results for subwatershed 1507



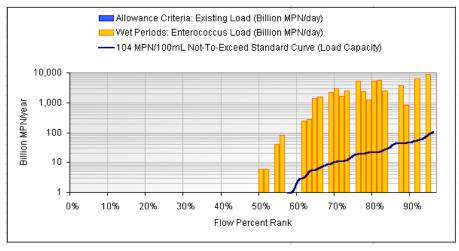
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	32,846	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	31,206	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,640	Billion MPN/Year
Percent Reduction Required from Existing Condition	95.0%	Percentage

Table P-83. Total coliform load duration curve and TMDL results for subwatershed 1507



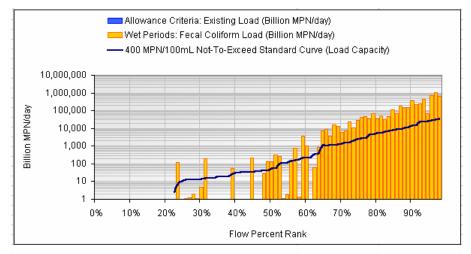
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	816,160	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	815,216	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	944	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.9%	Percentage

Table P-84. Enterococcus load duration curve and TMDL results for subwatershed 1507



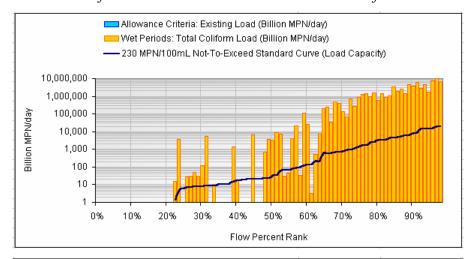
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	55,462	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	55,035	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	427	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.2%	Percentage

Table P-85. Fecal coliform load duration curve and TMDL results for subwatershed 1801



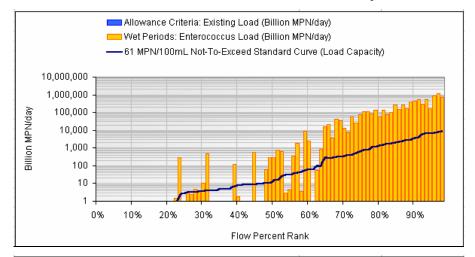
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	4,932,380	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	4,621,248	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	311,132	Billion MPN/Year
Percent Reduction Required from Existing Condition	93.7%	Percentage

Table P-86. Total coliform load duration curve and TMDL results for subwatershed 1801



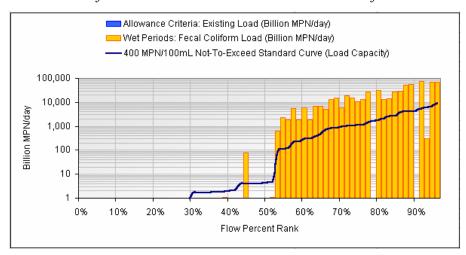
Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	72,757,569	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	72,567,919	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	189,650	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.7%	Percentage

Table P-87. Enterococcus load duration curve and TMDL results for subwatershed 1801



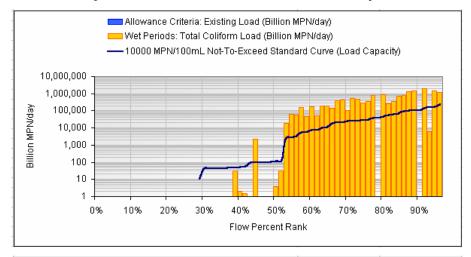
Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	7,255,759	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	7,207,403	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	48,356	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

Table P-88. Fecal coliform load duration curve and TMDL results for subwatershed 1901



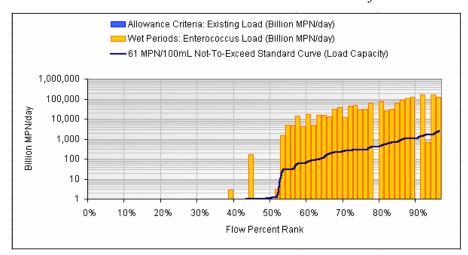
Fecal Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	603,863	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	548,347	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	55,516	Billion MPN/Year
Percent Reduction Required from Existing Condition	90.8%	Percentage

Table P-89. Total coliform load duration curve and TMDL results for subwatershed 1901



Total Coliform Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	15,390,608	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	14,004,571	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	1,386,037	Billion MPN/Year
Percent Reduction Required from Existing Condition	91.0%	Percentage

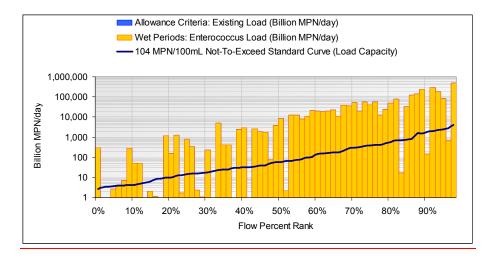
Table P-90. Enterococcus load duration curve and TMDL results for subwatershed 1901



Enterococcus Loading Summary	Value	Units
Total Load for Existing Condition (Total Load)	1,371,972	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	1,362,899	Billion MPN/Year
Allowable Load = (Total Load - Exceedance Load)	9,073	Billion MPN/Year
Percent Reduction Required from Existing Condition	99.3%	Percentage

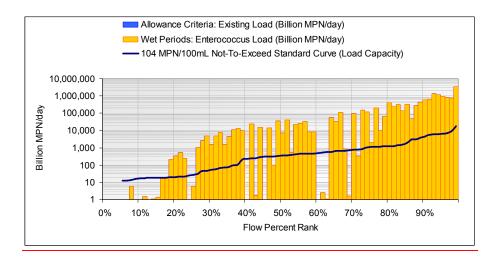
Alternative Enterococcus Load Duration Curves for Impaired Creeks and Downstream Beaches

<u>Table P-91. Alternative enterococcus load duration curve and TMDL results for</u>
<u>subwatershed 202</u>



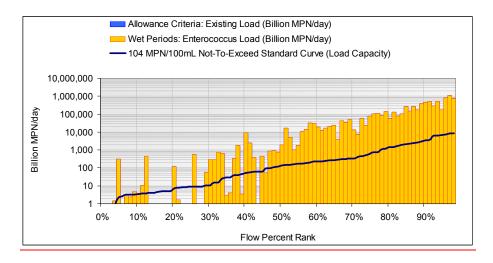
Enterococcus Loading Summary	<u>Value</u>	<u>Units</u>
Total Load for Existing Condition (Total Load)	<u>2,208,560</u>	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	2,186,024	Billion MPN/Year
Allowable Load = (Total Load – Exceedance Load)	<u>22,536</u>	Billion MPN/Year
Percent Reduction Required from Existing Condition	<u>99.0%</u>	<u>Percentage</u>

<u>Table P-92. Alternative enterococcus load duration curve and TMDL results for</u>
<u>subwatershed 401</u>



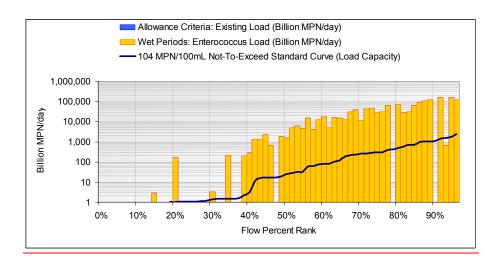
Enterococcus Loading Summary	<u>Value</u>	<u>Units</u>
Total Load for Existing Condition (Total Load)	12,980,098	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	12,884,741	Billion MPN/Year
Allowable Load = (Total Load – Exceedance Load)	<u>95,357</u>	Billion MPN/Year
Percent Reduction Required from Existing Condition	<u>99.3%</u>	<u>Percentage</u>

<u>Table P-93. Alternative enterococcus load duration curve and TMDL results for</u> <u>subwatershed 1801</u>



Enterococcus Loading Summary	<u>Value</u>	<u>Units</u>
Total Load for Existing Condition (Total Load)	7,255,759	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	<u>7,173,995</u>	Billion MPN/Year
Allowable Load = (Total Load – Exceedance Load)	<u>81,764</u>	Billion MPN/Year
Percent Reduction Required from Existing Condition	<u>98.9%</u>	Percentage

<u>Table P-94. Alternative enterococcus load duration curve and TMDL results for</u>
<u>subwatershed 1901</u>



Enterococcus Loading Summary	<u>Value</u>	<u>Units</u>
Total Load for Existing Condition (Total Load)	<u>1,371,972</u>	Billion MPN/Year
Non-allowable Exceedance Load (Exceedance Load)	<u>1,356,964</u>	Billion MPN/Year
Allowable Load = (Total Load – Exceedance Load)	<u>15,008</u>	Billion MPN/Year
Percent Reduction Required from Existing Condition	<u>98.9%</u>	<u>Percentage</u>